Install Velocity Tubing Strings



Partner Reported Opportunities (PROs) for Reducing Methane Emissions

PRO Fact Sheet No. 704

of 180 Mcf per well.

Compressors/Engines Dehydrators Pipelines Pneumatics/Controls Tanks Valves
Use Foaming Agents Wells Other □
Methane Savings: 4,680 Mcf per year Costs Capital Costs (including installation) □ <\$1,000 □ \$1,000 − \$10,000 □ >\$10,000 Operating and Maintenance Costs (annual) □ <\$100 □ \$100-\$1,000 □ >\$1,000 Payback (Years) □ 0-1 □ 1-3 □ 3-10 □ >10 Benefits Reducing methane emissions was an associated benefit of the project.
to remove the existing production tubing and position the
elatively small liquid production and higher reservoir pressure. roduction wells to the atmosphere to expel liquids.

Economic Analysis

Basis for Costs and Savings

Methane emissions reductions of 4,680 Mcf per year apply to eliminating well blowdowns conducted bi-weekly per well.

Discussion

This technology can provide payback in less than three years. Capital costs will include the use of a work-over rig and crew for one day and the purchase of smaller production tubing. These costs should be offset by the reduced emissions, increased production, extended well life that the new tubing will provide, and salvage value of the tubing string removed.

Last updated: September 2004